Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Hour: 3 6 8

Subbie Science Final: A Mission to Space

Based on the presentations of locations in our solar system, we will be planning a mission to one of these destinations in the near future. This project will be completed much like an actual engineering project, requiring a variety of areas of specialty and individuals contributing to one overall project.

First, we will have a day where we debate the merits of a mission to the presented destinations. This discussion will include whether or not the mission should include landing on the destination, whether the mission should include human controllers and how long the stay should be if landing and humans are involved. You will be graded on your participation in this discussion. If you are shy, please make sure that you contribute at least a little bit. There is a place located below where you should write about your contribution to these decisions.

Next, we will determine the divisions that will be needed to plan this mission. It should be noted that a mission that includes human controllers will make the mission feel more personal and provide a greater variety of necessary areas of specialty. Another way of describing it, is what categories of jobs are required to complete the mission. After the divisions have been determined, they will meet to discuss individual responsibilities within the division. Because participants are not already specialists in areas of engineering, geology, biology, etc., special knowledge will be gained by research. During your scheduled final time, the entire class will be presenting their division and individual contribution to the mission. Your part of the presentation should clearly fit within your division and contribute to the overall mission. We will have between 21 and 23 students that need to present so lengthy presentations will not be necessary or possible. Much of the work and assessment will take place before the presentations. We will have a predetermined order of presenters that should make sense in the overall description of the mission.

**General Rubric:** Please be sure to listen in class for additional information

|  |  |  |
| --- | --- | --- |
| Requirement | Possible points | Earned points |
| Participation in determining the destination | 10 |  |
| Division’s contribution to the mission | 15 |  |
| Individual contribution to the mission | 30 |  |
| Individual contribution fits with the faction and overall mission | 25 |  |
| Quality of research and scientific accuracy | 20 |  |
| **Total:** | 100 |  |

Thank you to the subbie class of 2018 for assistance in creating this project.

Participation in determining the destination:

Chosen division:

Individual contribution to the mission:

Notes: